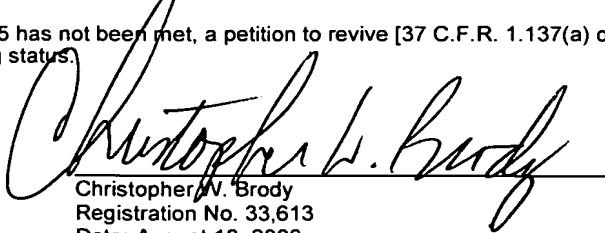


FORM PTO-1390 (REV 2-2005) OMB-0651-0021		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTORNEY DOCKET NO. 71066-0011US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371					DATE: August 18, 2006
					U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.51) 107589948 New Application
INTERNATIONAL APPLICATION NO. PCT/US2005/004770		INTERNATIONAL FILING DATE February 15, 2005		PRIORITY DATE CLAIMED February 20, 2004	
TITLE OF INVENTION: APPARATUS AND METHOD OF CLEANSING CONTAMINATED AIR USING MICROWAVE RADIATION					
APPLICANT(S) FOR DO/EO/US: Thomas M. SULLIVAN					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. (THE BASIC FILING FEE IS ATTACHED) 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)] <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. 					
Items 11 - 20 below concern other document(s) or information included:					
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: 					

U.S. APPLN. NO. (IF KNOWN) SEE 37 C.F.R. 1.53(a) New Application		INTERNATIONAL APPLICATION NO. PCT/US2005/004770		ATTORNEY DOCKET NO. 71066-0011US DATE: August 18, 2006	
<input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS	PTO USE ONLY
<input checked="" type="checkbox"/> 21.) Basic National Fee \$300				\$ 300	
<input checked="" type="checkbox"/> 22.) Examination Fee - If International Preliminary Examination Report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200				\$ 100	
<input checked="" type="checkbox"/> 23.) Search Fee - If Search Fee (37 CFR 1.445(a)(2) has been paid in the International Application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500				\$ 100	
TOTAL OF 21, 22 and 23 =				\$ 500	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing on computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$ 0	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100	/50=		x \$250	\$ 0	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(h)].				\$ 0	
Claims	Number Filed	Number Extra	Rate		
Total Claims	29 - 20 =	9	X \$50.00	\$ 450	
Independent Claims	6 - 3 =	3	X \$200.00	\$ 600	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1550	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2				\$ 775	
SUBTOTAL =				\$ 775	
Processing fee of \$130.00 for furnishing the English translation later the 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)].				\$ 0	
TOTAL NATIONAL FEE =				\$ 775	
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				\$ 0	
TOTAL FEES ENCLOSED =				\$ 775	
				Amount to be refunded	\$
				Charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$775.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge Counsel's Deposit Account No. 50-1088 in the amount of \$_____ to cover the above fee. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Counsel's Deposit Account No. 50-1088. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive [37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: CLARK & BRODY 1090 Vermont Avenue, N.W. Suite 250 Washington, D.C. 20005 Telephone: 202-835-1111 Fax: 202-835-1755 Customer Number: 22902					
				 Christopher W. Brody Registration No. 33,613 Date: August 18, 2006	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNITED STATES DESIGNATED OFFICE/RECEIVING OFFICE

In re Application of

Thomas M. SULLIVAN

Serial No.: U.S. National Phase Entry of PCT/US2005/004770

Filed: February 15, 2005

For: APPARATUS AND METHOD OF CLEANSING CONTAMINATED AIR
USING MICROWAVE RADIATION

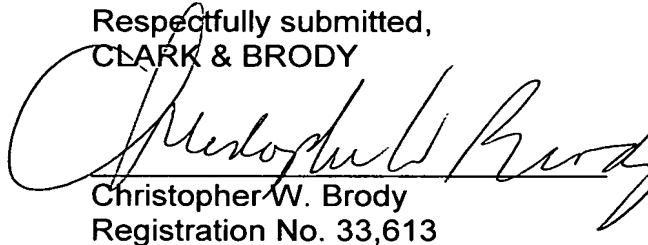
LETTER TO THE OFFICIAL DRAFTSPERSON

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed please find three (3) sheets of formal drawings to replace the informal drawings that were published in the International Application. Entry is respectfully requested.

Respectfully submitted,
CLARK & BRODY



Christopher W. Brody
Registration No. 33,613

Customer No. 22902
1090 Vermont Avenue, N.W., Suite 250
Washington DC 20005
Telephone: 202-835-1111
Facsimile: 202-835-1755

Docket No.: 71066-0011US
Date: August 18, 2006